

filed 11/3/2003

Sheet 1 of 2

FORM PTO-1449
(R v. 2-82)

U.S. DEPART. OF COMMERCE
PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.
224.303

SERIAL NO. 10/700,296

APPLICANT
Donald D. R itz

FILING DATE
Concurrently Herewith

GROUP 3672

U.S. PATENT DOCUMENTS

| EXAM. INIT. | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB- CLASS | FILING DATE IF APPRO- PRIATE |
|----------------|-----------------|----------|-------------------|-------|---------------|---------------------------------------|
| ✓ | 1 8 5 3 2 6 9 | 04/12/32 | Harris | | | |
| | 2 0 1 6 4 3 3 | 10/08/35 | Humason | | | |
| | 2 1 4 2 7 7 3 | 01/03/39 | Athey | | | |
| | 2 6 9 8 5 8 1 | 01/04/55 | Maier | | | |
| | 3 0 9 0 3 1 6 | 05/21/63 | Montgomery | | | |
| | 3 8 8 4 2 9 9 | 05/20/75 | McCarter et al. | | | |
| | 3 8 9 4 5 8 3 | 07/15/75 | Morgan | | | |
| | 3 9 4 1 5 1 0 | 03/02/76 | Morgan | | | |
| | 3 9 9 1 8 2 5 | 11/16/76 | Morgan | | | |
| | 4 5 0 2 8 4 3 | 03/05/85 | Martin | | | |
| | 4 5 0 9 5 9 9 | 04/09/85 | Chenoweth et al. | | | |
| | 4 5 2 7 6 3 3 | 07/09/85 | McLaughlin et al. | | | |
| | 4 6 5 3 9 8 9 | 03/31/87 | Mason | | | |
| | 4 7 0 8 5 9 5 | 11/24/87 | Maloney et al. | | | |
| | 4 7 1 1 3 0 6 | 12/08/87 | Bobo | | | |
| | 4 7 4 1 6 7 3 | 05/03/88 | Jubb | | | |
| | 4 7 6 8 5 9 5 | 09/06/88 | Smith | | | |
| | 4 8 4 4 1 5 6 | 07/04/89 | Heshberger | | | |
| | 4 9 2 3 3 7 2 | 05/08/90 | Ferguson et al. | | | |
| | 5 0 0 6 0 4 6 | 04/09/91 | Buckman et al. | | | |
| | 5 0 6 9 2 8 5 | 12/03/91 | Nuckols | | | |
| | 5 2 1 1 2 4 2 | 05/18/93 | Coleman et al. | | | |
| | 5 3 7 4 1 6 3 | 12/20/94 | Jaikaran | | | |
| | 5 4 0 7 0 1 0 | 04/18/95 | Hers | | | |
| | 5 4 1 7 2 8 1 | 05/23/95 | Wood et al. | | | |
| | 5 4 3 1 2 2 2 | 07/11/95 | Bustamante | | | |
| | 5 4 8 8 9 9 3 | 02/06/96 | Hershberger | | | |
| | 5 5 2 2 4 6 3 | 06/04/96 | Barbee | | | |

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Donald D. Reitz

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|---|---|---|---|---|---|---|----------|------------|--|--|
| 5 | 5 | 4 | 4 | 7 | 0 | 6 | 08/13/96 | Reed | | |
| 5 | 6 | 1 | 1 | 3 | 9 | 7 | 03/18/97 | Wood | | |
| 5 | 6 | 1 | 1 | 6 | 7 | 1 | 03/18/97 | Tripp, Jr. | | |
| 5 | 6 | 5 | 5 | 6 | 0 | 5 | 08/12/97 | Matthews | | |
| 5 | 6 | 7 | 1 | 8 | 1 | 3 | 09/30/97 | Lima | | |
| 5 | 9 | 1 | 1 | 2 | 7 | 8 | 06/15/99 | Reitz | | |

FOREIGN PATENT DOCUMENTS

| DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB-CLASS | TRANSLATION | |
|-----------------|-------|---------|-------|-----------|-------------|----|
| | | | | | YES | NO |
| 5 7 0 6 9 7 | 08/77 | Russia | | | | |
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | |
|--|--|
| | Kermit Brown, <i>The Technology of Artificial Life Methods</i> , Vol 2, pp. 125-131, 1977. |
| | E.E. DeMoss, <i>4 New Ways to Reduce Artificial Lift Expense</i> , World Oil, pp. 63 and 64, May 1973 |
| | H.W. Winkler et al., <i>Down-Hole Chambers Increase Gas-Lift Efficiency</i> , The Petroleum Engineer, part 1 - June 1956; part 2 - Aug. 1956 |
| | H.W. Winkler et al., <i>Chamber Design</i> , CAMCO Gas Lift Manual, Chapter VII, pp. 7-001 - 7-015, 1962 |
| | John T. Dewan, et al., <i>Lifting of Heavy Oil with Inert-Gas-Operated Chamber Pumps</i> , SPE 9913, pp. 277-285 plus illustrations. |
| | Steve B. Coleman et al., <i>A New Look at Predicting Gas-Well Load-Up</i> , JPT, March, 1991 |
| | Steve B. Coleman et al., <i>Understanding Gas-Well, Load-Up Behavior</i> , JPT, March, 1991 |
| | E.E. DeMoss et al., <i>Liquid Removal from Gas Wells - Gas Lifting with Reservoir Gas</i> , April 1968 |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant